

Notice of Allowability

Application No.

10/610,497

Examiner

Michael Trinh

Applicant(s)

WIGHT ET AL.

Art Unit

2822

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed July 26, 2007.
2. ☒ The allowed claim(s) is/are 1 and 43-61.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.


THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____



Michael Trinh
Primary Examiner

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DETAILED ACTION

*** This office action is in response to Applicant's Amendment filed July 26, 2007. Claims 1,43-61 are currently pending. Claims 2-42 were canceled.

Allowable Subject Matter

1. Claims 1,43-61 are allowed.
2. The following is a statement of reasons for the indication of allowable subject matter:
Applicant's amendment filed July 26, 2007 and convincing remarks of record have overcome the rejections in the last office action. Applicant rewrites claim 43 in independent form to include all of the limitations of the base claim 1 and any intervening claims. Accordingly, claim 43 and dependent claims 44-50 thereof are allowed. Applicant also convincingly remarked (at 07/26/2007 remark page 7) that "Claims 51-58 are new claims including similar elements to claims 43-50". New claims 43-58 are also thus allowed, and in that it is noted independent claim 51 does include the phrase "means for" incorporating the negative reactive component values into the integrated circuit, it is however modified to include sufficient structure for achieving the specified function, in which a claim limitation of the means includes a series inverter portion including the at least one wire bond as a series inductor; a first inductor electrically coupled to the series inverter portion at a first node, wherein the first inductor is arranged in a shunt arrangement; and a second inductor electrically coupled to the series inverter portion at a second node, wherein the second inductor is arranged in a shunt arrangement. Accordingly, the claim limitation which uses the phrase "means for" in claims 51-58 is not being treated under 35 USC 112, sixth paragraph. The references of record including Busking (6,107,684), Gonda (4,924,195), Seshita (6,366,770), etc., alone or in combination, do not fairly anticipatively disclose each and every aspect of the claimed integrated circuit package, or fairly make a prima facie obvious case of the claimed integrated circuit package, in combination with other claimed limitations as recited, for example, in claim 1, the inclusion of having an integrated circuit die having at least one integrated circuit and a first negative-inductance shunt element; a housing containing said integrated circuit die, wherein said integrated circuit die is electrically coupled to said housing using at least one wire bond; and an impedance inverter circuit including the first negative-inductance shunt element, the at least one

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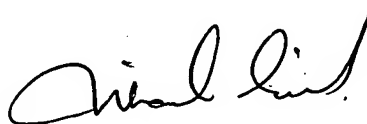
wire bond, and a second negative-inductance shunt element coupled to the integrated circuit die through the at least one wire bond.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael M. Trinh whose telephone number is (571) 272-1847. The examiner can normally be reached on M-F: 9:00 Am to 5:30 Pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zandra Smith can be reached on (571) 272-2429. The central fax phone number is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Michael Trinh
Primary Examiner